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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/683,374	
	Filing Date	December 19, 2001	
	First Named Inventor	John C. Chappell	
	Group Art Unit	Unknown	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	87	Attorney Docket Number	3383.1

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PTO/SB/21 (08-00)

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Firm or Individual name	Alan B. Sherr
Signature	<i>Alan B. Sherr</i>
Date	January 3, 2002

<b>CERTIFICATE OF MAILING</b>			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: January 4, 2002			
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PATENT  
Attorney Docket No. 3383.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John C. Chappell

Examiner: Unknown

Serial No: 09/683,374

Group Art Unit: Unknown

Filing Date: December 19, 2001

INFORMATION DISCLOSURE  
STATEMENT

Title: **System and Method for  
Addressable Light-Directed  
Microarray Printing**

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Commissioner for Patents  
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Sir:

Pursuant to 37 CFR § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying U.S. Patent & Trademark Office's Modified Form-1449 are called to the attention of the Examiner for the above patent application.

Citation of this document shall not be construed as (1) an admission that the documents are necessarily prior art with respect to the instant invention; (2) a representation that a search has been made, other than as described above; or (3) an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 01-0431. Please deduct any additional fees from, or credit any overpayment to the above-noted Deposit Account.

Dated: Jan. 3, 2002

Respectfully submitted,

Alan B. Sherr  
Reg. No. 42,147

Legal Department  
Affymetrix, Inc.  
3380 Central Expressway  
Santa Clara, CA 95051  
Tel: 408/731-5000  
Fax: 408/731-5392

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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2
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**Complete if Known**

Application Number	09/683,374
Filing Date	December 19, 2001
First Named Inventor	John C. Chappell
Group Art Unit	Unknown
Examiner Name	Unknown
Priority Docket Number	3383.1

~~U.S. PATENT DOCUMENTS~~

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US-6,320,994	Nov. 20, 2001	Donald et al	
	2	US- 6,307,042	Oct. 23, 2001	Goldberg et al	
	3	US- 6,271,957	Aug. 7, 2001	Quate et al	
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## FOREIGN PATENT DOCUMENTS

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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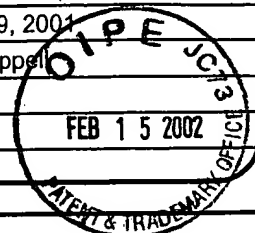
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**Complete if Known**

Application Number	09/683,374
Filing Date	December 19, 2001
First Named Inventor	John C. Chappell
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	3383.1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	4	SANGEET SINGH-GASSON, ROLAND D. GREEN, YONGJIAN YUE, CLARK NELSON, FRED BLATTNER, MICHAEL R. SUSSMAN, AND FRANCO CERRINA, Maskless Fabrication of Light-Directed Oligonucleotide Microarrays Using a Digital Micromirror Array, Nature Biotechnology Vol. 17, October, 1999, Pages 974-978, 1999 Nature America Inc. - <a href="http://biotech.nature.com">http://biotech.nature.com</a>	
	5	MARKUS BEIER and JORG D. HOHEISEL, Production by Quantitative Photolithographic Synthesis of Individually Quality Checked DNA Microarrays, e11 Nucleic Acids Research, 2000, Vol. 28, No. 4, Pages i - vi, 2000 Oxford University Press	
	6	ERIC LEPROUST, JEAN PHILIPPE PELLOIS, PEILIN YU, HUA ZHANG, and XIAOLIAN GAO (Dept. of Chemistry, Univ. of Houston); ONNOP SRIVANNAVIT and ERDOGAN GULARI (Dept. of Chemical Engineering, Univ. of Michigan); and XIAOCHUAN ZHOU (Xeotron Corp.), Digital Light-Directed Synthesis. A Microarray Platform That Permits Rapid Reaction Optimization on a Combinatorial Basis, J. Comb. Chem. 2000, 2, 349-354, 2000 American Chemical Society, Published on Web 06/06/2000	
	7	ASIL, DigiWave (TM) ASOE, <a href="http://www.digilens.com/products/asoe.htm">http://www.digilens.com/products/asoe.htm</a> , 12/15/2000	

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